



Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
USPTO Use Only

EFS ID: 56635

Application ID: 10619635



Title of Invention:

Content Addressable Memory  
(CAM) Devices with Dual-  
Function Check Bit Cells that  
Support Column Redundancy  
and Check Bit Cells with Reduced  
Susceptibility to Soft Errors

First Named Inventor: Kee Park

Domestic/Foreign Application: Domestic Application

Filing Date: 2003-07-15

Effective Receipt Date: 2004-03-05

Submission Type: Information Disclosure  
Statement

Filing Type:

Confirmation number: 1230

Attorney Docket Number: 5646-91XX

Total Fees Authorized:


Digital Certificate Holder: cn=Grant J. Scott,ou=Registered Attorneys,ou=Patent and Trademark  
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| TRANSMITTAL |
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Electronic Version v1.1  
Stylesheet Version v1.1.0

| Title of<br>Invention   | Content Addressable Memory (CAM) Devices with Dual-Function<br>Check Bit Cells that Support Column Redundancy and Check Bit<br>Cells with Reduced Susceptibility to Soft Errors |                |                           |             |                |  |       |            |  |            |
|---|---|----------------|---------------------------|-------------|----------------|--|-------|------------|--|------------|
| Application Number: 10/619635 <br>Date: 2003-07-<br>First Named Applicant: Kee Park<br>Confirmation Number: 1230<br>Attorney Docket Number: 5646-91XX   |   |                |                           |             |                |  |       |            |  |            |
| <p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p> <table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>Grant J. Scott<br/>Registered Number: 36925</td><td>/gjs/</td><td>Attorney</td></tr></tbody></table> |   |                | Submitted by:             | Elec. Sign. | Sign. Capacity | Grant J. Scott<br>Registered Number: 36925 | /gjs/ | Attorney   |  |            |
| Submitted by:   | Elec. Sign.   | Sign. Capacity |                           |             |                |  |       |            |  |            |
| Grant J. Scott<br>Registered Number: 36925  | /gjs/   | Attorney       |                           |             |                |  |       |            |  |            |
| <table><tr><td>Documents being submitted</td><td>Files</td></tr><tr><td>us-ids</td><td>5646-91XX-usidst.xml</td></tr><tr><td></td><td>us-ids.dtd</td></tr><tr><td></td><td>us-ids.xsl</td></tr></table>   |   |                | Documents being submitted | Files       | us-ids         | 5646-91XX-usidst.xml                       |       | us-ids.dtd |  | us-ids.xsl |
| Documents being submitted   | Files   |                |                           |             |                |  |       |            |  |            |
| us-ids  | 5646-91XX-usidst.xml  |                |                           |             |                |  |       |            |  |            |
|   | us-ids.dtd  |                |                           |             |                |  |       |            |  |            |
|   | us-ids.xsl  |                |                           |             |                |  |       |            |  |            |
| Comments  |   |                |                           |             |                |  |       |            |  |            |



## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

### Title of Invention

Content Addressable Memory (CAM) Devices with Dual-Function Check Bit Cells that Support Column Redundancy and Check Bit Cells with Reduced Susceptibility to Soft Errors

Application Number: 10/619635



Confirmation Number: 1230

First Named Applicant: Kee Park

Attorney Docket Number: 5646-91XX

Art Unit: 2818

Search string: ( 6700810 or 6690595 or 6618281 or 6597595 ).pn.

### US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

| init | Cite.No. | Patent No. | Date       | Patentee          | Kind | Class | Subclass |
|------|----------|------------|------------|-------------------|------|-------|----------|
|      | 1        | 6700810    | 2004-03-02 | Chiriu et a.      | B1   | 365   | 49       |
|      | 2        | 6690595    | 2004-02-10 | Srinivasan et al. | B1   | 365   | 49       |
|      | 3        | 6618281    | 2003-09-09 | Gordon            | B1   | 365   | 49       |
|      | 4        | 6597595    | 2003-07-22 | Ichiriu et al.    | B1   | 365   | 49       |

### Signature

| Examiner Name | Date |
|---------------|------|
|               |      |